

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

93 AUG 19 AM 11:07

1. Type of Well  
GAS

010 ALBUQUERQUE, N.M.

2. Name of Operator  
MERIDIAN OIL

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
1550' FNL, 1750' FWL Sec. 35, T-25-N, R-4-W, NMPM

5. Lease Number  
Jic. Contract 125  
6. If Indian, All. or  
Tribe Name  
Jicarilla Apache  
7. Unit Agreement Name

8. Well Name & Number  
Arizona Jicarilla #1  
9. API Well No.

10. Field and Pool  
S. Blanco PC  
11. County and State  
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

Attached is the detailed procedure for adding additional Pictured Cliffs pay. A current and proposed wellbore diagram is also attached. Work will be completed by December 7, 1993. Work will commence immediately by BLM approval dated 12-8-92.

RECEIVED

SEP 15 1993

OIL CON. DIV  
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] (TEM) Title Regulatory Affairs Date 8/16/93

(This space for Federal or State Office use) AREA MANAGER Acting  
APPROVED BY SHIRLEY MONDY Title RIO PUERCO RESOURCE AREA Date SEP 10 1993  
CONDITION OF APPROVAL, if any:

NMOCD

# Arizona Jicarilla # 1

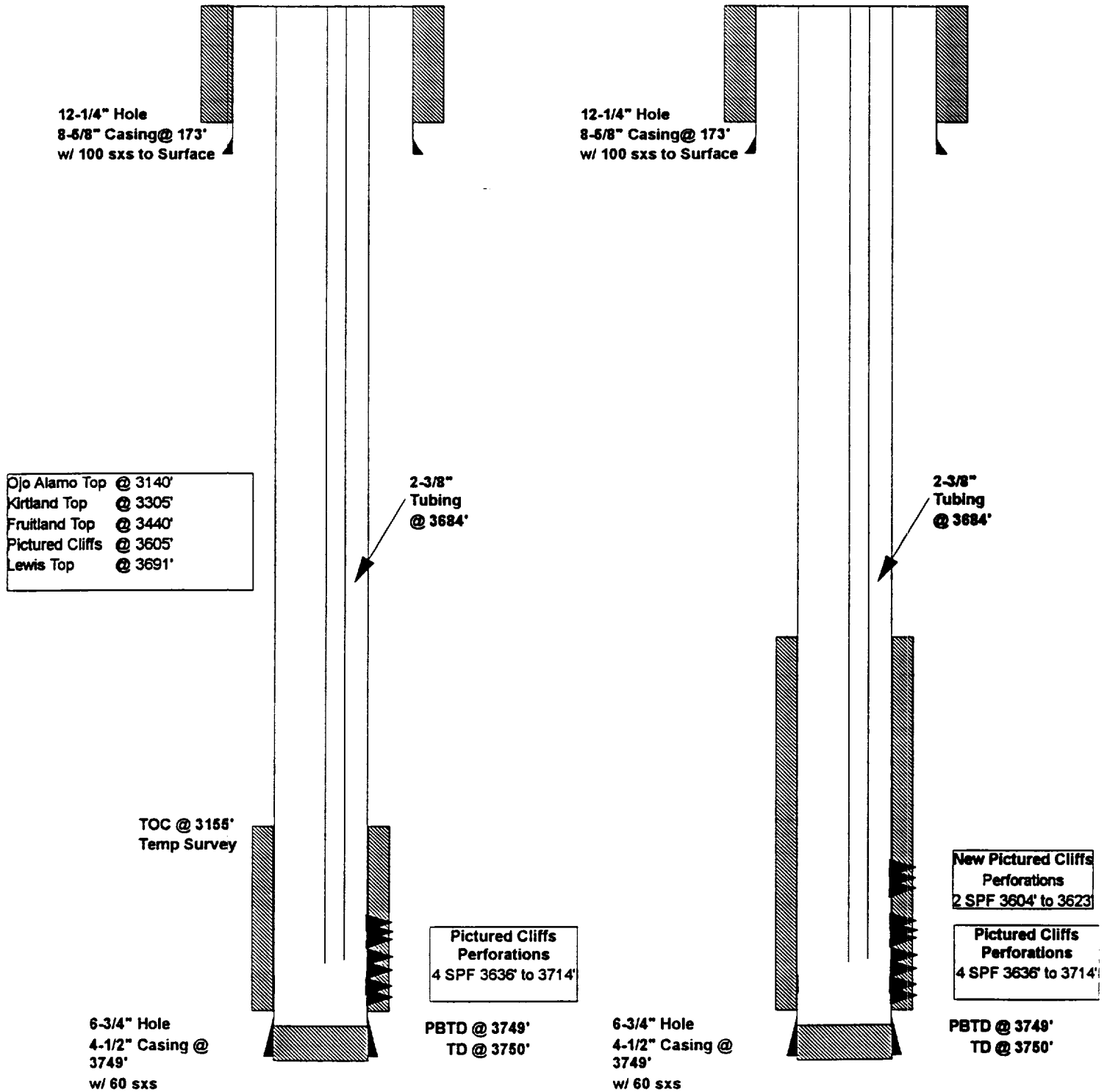
T25NR04W25F

Pay Add & Stimulation

Pictured Cliffs

## Current

## Proposed



Note: 4-1/2" Casing is 9.5#. Cement Top when calculated compares with Temperature Survey.

**Arizona Jicarilla # 1  
Pictured Cliffs Pay Add & Completion  
Unit F, Section 25-T25N-R04W**

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Prior to starting operation. Construct Fenced Blow Pit, Install & Test Rig Anchors. Comply with all BLM, NMOCD, & MOI rules and regulations. Notify Engineering that work has commenced. Always hold Safety Meetings! Use Daylight rig if possible.

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1. Move in. NU blow lines & manifold. Obtain and Record Tbg, Csg, & Brdhead pressures. Blow well down. RU workover rig. ND WH. NU BOP & Stripping head. Test operation of BOP.
2. TOOH with 2-3/8" tubing. Visually inspect and tally tubing. Additional 2-3/8" will be necessary. PU 4-1/2" 9.5# csg scraper and float. TIH on 2-3/8". Unload hole and clean out to btm with air & foam sweeps. Pull above perms. Obtain pitot gauge. TOOH.
3. RU wireline. w/ wireline set drillable CIBP @ 3630' (Note 6' above current top perf). No sand necessary.
4. TIH w/ fullbore PKR on 2-3/8". Load hole w/ 2% KCl water. Test BP & tubing to 3000 psi. Test Casing to 800 psi. Hold pressure & record 20 minutes on Casing. If casing does not hold pressure, locate failure prior to running bond log. TOOH w/ PKR.
5. w/ wireline. Run GR-CCL-CNL from 3630' to 3300'. Run GR-CCL-CBL from 3630' to surface. Engineering will evaluate for squeeze above TOC (est 3155') and Ojo Alamo squeeze.
6. w/ wireline perforate 2-0.38" holes @ 3155 or above TOC'. Establish rate down casing. Perforate 2- 0.38" holes @ 2875'. TIH w/ cement retainer on 2-3/8". Set retainer @ 3100'. Establish rate below retainer. Note returns. Mix & Pump 75 sxs of Class 'B' cement 2% CaCl (100% Excess) below retainer. Note returns. Displace w/ 2% KCl. Hesitate twice on final bbl of cement. Each hesitation for 15 minutes. Unsting from retainer. PU to 2800' depth. Reverse out. TOOH. Leave 500 psi on casing. WOC minimum 6-hrs.
7. PU 3-7/8" bit & float. TIH and drill out cement with air & water mist. PU off btm. Close pipe rams and test upper holes to 800 psi. Continue to drill out retainer & cement. Close pipe rams and test lower holes to 800 psi. Push to btm. DO NOT drill CIBP if possible. Ensure Perf gun can reach btm hole at 3623'. PU to 2000'. Unload hole with air from 2000' to surface. TOOH. (If CIBP is drilled, push to btm, and set another CIBP.)
8. Contact Engineering prior to perforating w/ wireline, perforate the following interval w/ 3-1/8" HSC gun Owen Charges 0.38" holes @ 2 SPF btm up under 500 psi rated packoff. Use one 20' gun with spacers.  

**3623', 3622', 3621', 3619', 3612', 3610', 3609', 3608', 3607', 3606', 3605', 3604'**  
**(24 holes)**
9. PU fullbore PKR & 2-7/8" N-80 frac string. TIH with PKR and set at approx 3500' (ensure good cement coverage behind pipe 100' above PKR setting depth. Hold 500 psi on annulus.
10. Stimulate Pictured Cliffs per attached schedule down 2-7/8". Establish rate w/ water. Follow with 250 gallons 7-1/2% HCl w 1gal/1000 clay stabilizer & 2 gal/1000 inhibitor. Then start 70Q foam stimulation. SI well 3-hrs for fracture to heal & gel to break.
11. Flow back well thru chokes on manifold. Minimize liquids 20 BLPH. When pressure allows Unseat PKR and TOOH & LD 2-7/8" tubing.

12. PU 3-7/8" bit, float, & TIH w/2-3/8" blow well and clean out to CIBP. Obtain Pitot gauge prior to drilling CIBP. Drill CIBP. Push to btm. TOOH.
13. w/wireline run AfterFrac-GammaRay Log. Report if new stimulation stayed in zone.
14. PU one jt 2-3/8", expendable check('F Nipple), and TIH w/ remaining 2-3/8" tubing. Land tubing Blow well to unload liquid. ND BOP. NU WH. Pump off check and gauge well up tubing.
15. RD workover rig. Contact Production Operations that well is ready for tie-in. Move to next location.

Approved: \_\_\_\_\_

Drilling Superintendent

#### Suggested Vendors

Stimulation, Cementing, Acid	BJ Services	327-6222
Radioactive Tagging	Protechnics	326-7133
Perforating/Logging	Petro Wireline	326-6669
Frac String	Cave Enterprises	325-3401
Production Operations	Bruce Voiles	326-9571
Engineering	Tom Mullins	326-9546-w 325-9361-h